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(71) Applicant: **THE UNIVERSITY OF AKRON** [US/US];
302 E. Buchtel Common, Akron, OH 44325 (US).

(71) Applicants and

(72) Inventors: **RENEKER, Darrell, H.** [US/US]; 300 Hampshire Road, Akron, OH 44313 (US). **SMITH, Daniel, J.** [US/US]; 2988 Ridgeline Trail, Stow, OH 44224 (US).

(74) Agent: **SCHLUE, Daniel, J.**; Roetzel & Andress, 222 S. Main Street, Akron, OH 44308 (US).

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(54) Title: **SEQUESTERED REACTIVE MATERIALS**

(57) Abstract: A fibrous assembly is provided for performing site-specific chemistry. In general the present invention provides a fibrous assembly comprising a first fiber that sequesters a first reactive component; and a second fiber that sequesters a second reactive component, wherein at least the first or second fiber releases its reactive component when the fiber is in the presence of a releasing agent, and wherein when the at least first or second fiber releases its reactive component, the first and second reactive components react with each other to form a reaction product. Related methods of manufacture and use are also provided.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/12673

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61F 13/00
US CL : 424/449, 443

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 424/449, 443

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
YP	US 6,706,274 B2 (HERRMANN et al.) 16 March, 2004, abstract; col.1, lines 48-67; col.2, lines 21-35; col.3, lines 18-21.	1-48
Y	US 6,232,434 B1 (STAMLER et al.) 15 May 2001, abstract; col.4, lines 6-18.	1-48

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Isis Enari

Telephone No. (571) 272-1600

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Continuation of B. FIELDS SEARCHED Item 3:
West, all data bases
Search terms: fiber, polymer, nitric oxide, urethane, solvent